

(12) AUSTRALIAN PATENT ABSTRACT

(19) AU

(11) AU-A-32008/84

LAPSED S.47c(b)

(54) INDICATORS FOR ARTICLE HANGERS

(71) GABOR'S TERRA PTY LTD

(21) 32008/84 (22) 16.8.83 (23) 16.8.84 (24) 16.8.83

(43) 21.2.85

(51)³ G09F 7/16 G09F 3/04 A47J 51/08 A47J 51/095

(72) GABOR BOTTYANEK AND ALEX PATTOU

(74) LM

(57) Claim

1. A hanger for an article, the hanger having a hook means adapted to be located over a supporting means, said hook means having a generally planar enlarged portion approximately level with, or, above, the supporting means, said enlarged portion having one or more holes therethrough; and, an indicator adapted to be non-releasably positioned on at least part of said enlarged portion and retained there by means passing through said one or more holes.



PATENTS ACT 1952-1973

Form 10

COMPLETE SPECIFICATION

(ORIGINAL)

FOR OFFICE USE

Class:

Int. Cl:

Application Number: 32008184
 Lodged:

Complete Specification—Lodged:

Accepted:

Published:

Priority:

Related Art:

LODGED AT SUB-OFFICE

16 AUG 1978

Melbourne

TO BE COMPLETED BY APPLICANT

Name of Applicant:

GABOR'S TERRA PTY. LTD., a Victorian Company of
 31 Viking Court, Cheltenham North, 3192, State of Victoria

Address of Applicant: Commonwealth of Australia.

Actual Inventor:

Gabor BOTTYANEK and Alex PATTOU

Address for Service:

Care of: JAMES M. LAWRIE & CO. Patent Attorneys of 72
 Willsmere Road, Kew, 3101, Victoria, Australia.

Complete Specification for the invention entitled: INDICATORS FOR ARTICLE HANGERS

The following statement is a full description of this invention, including the best method of performing it known to me:—

*Note: The description is to be typed in double spacing, pica type face, in an area not exceeding 250 mm in depth and 160 mm in width, on tough white paper of good quality and it is to be inserted inside this form.

This invention relates to indicators for hangers for articles

Many articles are required to be positioned on hangers, for various purposes, such as, display or storage and this invention relates to indicators for such hangers, which enable ready
5 identification of characteristics of the articles positioned on the hangers.

It is an objection of the invention to provide a construction of hanger including an indicator which enables easy and rapid positioning of the indicator on the hanger, and, which provides good visual access to the indicator when the hangers are assembled for storage or display.

The invention provides a hanger for an article, said hanger including a hook adapted to be located over a supporting means, the hook including a generally planar enlarged portion; said
15 enlarged portion having one or more holes therethrough; and, an indicator having means enabling it to be non-releasably positioned on one or both faces of at least part of said enlarged portion, approximately level with or above the supporting means, and retained there by means which pass through said one or more holes.

In one particular embodiment of the invention the indicator comprises a first flat plate having one or more pins integral therewith and projecting therefrom; and a second flat plate containing one or more holes, connected to said first plate by an integral bridging section; constructed and arranged whereby, in use
20 one of the plates is positioned against at least part of an
25

enlarged portion of a hook and the other plate is folded over the top of the hook by deforming said bridge section, said one or more pins passing through one or more corresponding holes provided in the enlarged portion and through said one or more
5 holes in said second plate, whereby to non-releasably retain the indicator on the enlarged portion of the hook.

In another particular embodiment of the invention there are two indicators, each formed as a flat plate, and held in spaced relationship by a flangible web, a first of said indicators havin
10 one or more projecting pins integral therewith, and the second indicator having one or more corresponding holes therein, whereby in the attachment of the two plates to at least a part of an enlarged portion of a hook of an article hanger, the first plate is placed against at least a part of the enlarged portion with
15 the one or more pins passing through holes provided in said enlarged portion, the second plate being folded over the top of the hook so that said one or more corresponding holes receive said one or more pins, whereby, after upon further movement of the two plates together, the web fractures, and each plate is non-releas
20 attached to each other and to said enlarged portion, one plate on each side thereof.

The information which is usually conveyed by means of the indicator, relates to, for example, the source of the article, the size of the article, and the type of material from which the
25 article is made; and, may be applied to the plate by any convenient means which enable easy visual identification of the information

on the indicator. Such means conveniently include printing, stamping out of the plate, labelling or the like.

In a further embodiment of the invention the enlarged portion of the hook on the hanger is formed with a recess corresponding in shape to the indicator, said recess being provided on one or both sides of the hook. The purpose of such recess being to accurately align the indicator on the hook portion of the hanger, and, to provide a generally asthetic appearance. The recess or recesses may also conveniently avoid the enlarging of the thickness of the hook, at the point where the indicator is attached.

In a particularly preferred form of the invention the indicator is provided with two pins.

In a further preferred embodiment of the invention the hook of the hanger is provided with a recess on both sides of the hook to receive the indicator, so that, when the indicator is in position on the hanger that portion of the hanger is no wider than the portions adjacent thereto.

In order to more fully describe the invention a particularly preferred construction of hanger in accordance with the invention will now be described with reference to the drawings, in which:-

FIGURE 1 is a schematic view of the hook portion of a hanger such as used to hang garments for display or storage;

FIGURE 2 is a plan view of one embodiment of an indicator to be used in conjunction with the hook illustrated in figure 1;

FIGURE 3 is a side view of the indicator of figure 2; and

FIGURE 4 is a plan view of another embodiment of an indicator to be used in conjunction with the hook illustrated in figure 1.

Referring to figure 1 of the drawings there is shown a hook portion 10 of a garment hanger. Hook 10 has a convex section 12 adapted to be positioned over a supporting means. As is usual in the type of hanger illustrated, the supporting means is a rail of a garment hanging rack.

Hook 10 has a generally planar enlarged portion 14, above convex section 12, to which the indicator is to be attached.

Recess portions 16 and 17 are provided in at least a part of enlarged portion 14, one recess on each side thereof, and two holes 18 and 20 are provided therethrough.

Referring now to FIGURES 2 and 3 there is shown an indicator 22 which comprises a first plate 24, a bridging section 26 and a second plate 28, formed integrally and substantially planar.

Two holes 30 and 31 are provided in plate 24. Two headed pins 32 and 33 are provided on plate 28.

As can be seen, the information which is being conveyed by the indicator of figure 2 is the letter "L" which, is widely accepted as indicating a "large" size of the garment hanging on the hanger. The "L" has been stamped out of each plate, as seen at 34, and by providing a colour contrast between plates 24 and 28 and hook 10 the letter "L" becomes visually prominent and is readily displayed being above the supporting means of the hanger.

To assemble the hanger of the invention, plate 28 is placed in recess 16 with pins 32 and 33 projecting through holes 18 and 20. Plate 24 is then folded over the top of hook 10 and holes 30

and 31 are located on and then over heads of pins 32 and 33. The length of pins 32 and 33 is such that plate 24 is firmly held in recess 17 by the underside of the heads on the pins. The length of bridging section 26 is just sufficient to enable plates 24 and 28 to be folded over the width of the recessed portion, formed by recesses 16 and 17. Indicator 22 is thus firmly and non-releasably secured to hook 10; and, is unable to be rotated by virtue of the use of pins 32 and 33, and, the locating of plates 24 and 28 in recesses 16 and 17 respectively. The indicator is unable to be removed unless pins 32 and 33 are broken.

Turning now to figure 4 there is illustrated a second embodiment of the invention, in which two indicators, 36 and 38, are provided. Indicators 36 and 38 are held in spaced relationship by flangible web 40. As described hereinabove, the information to be conveyed by indicators 36 and 38 is shown by stamping out the letter "M" from each of indicators 36 and 38. Holes are provided in indicator 36 and 46 and 47 and headed pins 48 and 49 are provided on indicator 38.

When the indicators are to be attached to hook portion 10 indicator 38 containing pins 48 and 49 is positioned in recess 16 with pins 48 and 49 passing through holes 18 and 20. Indicator 36 is then folded over hook 10 by deformation of flangible web 40 until holes 46 and 47 receive the heads of pins 48 and 49 respectively. In this embodiment of the invention flangible web 40 is made so that it does not break until after deformation has

occurred past the point where holes 48 and 49 locate over the heads of pins 46 and 47. This enables ready attachment of the indicators 36 and 38 to hook 10.

Further movement of indicator 36 into recess 17 causes pins 48 and 49 to enter holes 46 and 47 respectively, and, fracturing of flangible web 40. Hook 10 is then provided with two indicators, one on each side thereof, which are non-releasably held together, and, to hook 10, by means of pins 48 and 49. As with the indicators of FIGURES 2 and 3, the length of pins 48 and 49 is such as to hold indicators 36 and 38 firmly to the surface of hook 10, in the recess portions 16 and 17.

Any number of means may be provided for the construction of flangible web 40 whereby to provide sufficient deformation to enable location of holes 46 and 47 over the heads of pins 48 and 49 before fracture, and, it is envisaged that a preferred construction of web 40 will also enable fracturing to occur in such a way that no residue of web 40 projects above the outline of hook 10.

The remaining portions of the garment hanger which are not seen in FIGURE 1 may be of any suitable type, for the purposes of retaining or displaying the garment to be placed thereon. All such constructions of garment hangers are included within the scope of the invention.

As will be appreciated by those skilled in the art other variations may be included within the invention, and these include the use of one or more strengthening ribs on hook 10 and/or other

portions of the garment hanger.

Also, where a recess is provided on one or both sides of the hook portion of the hanger a single pin may be provided to non-releasably hold either one or two indicators to the hook, while
5 still preventing rotation of the indicator or indicators.

10

15

20

25

The claims defining the invention are as follows:-

1. A hanger for an article, the hanger having a hook means adapted to be located over a supporting means, said hook means having a generally planar enlarged portion approximately level with, or, above, the supporting means, said enlarged portion having one or more holes therethrough; and, an indicator adapted to be non-releasably positioned on at least part of said enlarged portion and retained there by means passing through said one or more holes.

2. A hanger as claimed in claim 1 wherein the indicator is non-releasably positioned on the generally planar enlarged portion above the supporting means.

3. The hanger as claimed in claim 1 or 2 wherein said indicator is positioned on both faces of said enlarged portion.

4. The hanger as claimed in any one of the preceding claims wherein two indicators are provided and are non-releasably positioned together on opposite faces of said enlarged portion.

5. The hanger as claimed in any one of the preceding claims in which the means passing through said one or more holes in said generally planar enlarged portion are one or more pins having enlarged head portions.

6. The hanger as claimed in any one of the preceding claims wherein the indicator is positioned in one or more corresponding shaped recesses in said enlarged portion.

7. A hanger for an article, substantially as hereindescribed with reference to the drawings.

DATED this 16 day of AUGUST 1984

JAMES M. LAWRIE & CO.

By:

Patent Attorneys for
GABOR'S TERRA PTY. LTD.

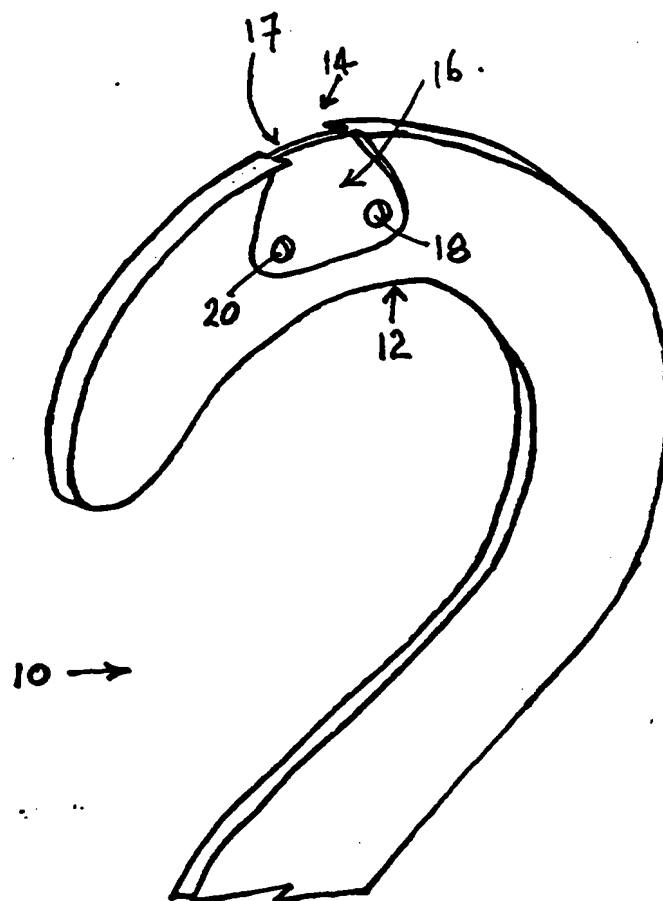


FIGURE 1

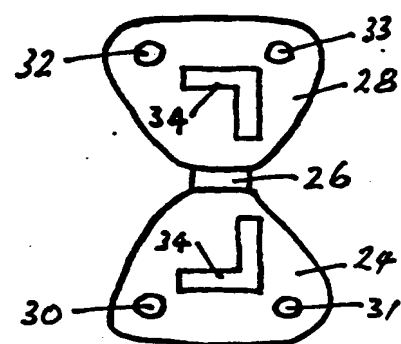


FIGURE 2

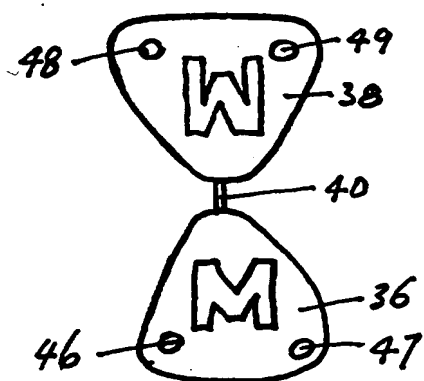


FIGURE 4

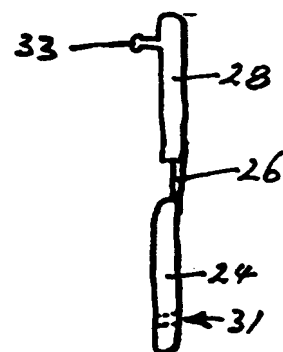


FIGURE 3

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

THIS PAGE BLANK (USPTO)